

DOCKET NO. TI 35748

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Salvatore Pavone

Serial No.: N/A

Filed: Herewith

For: A THREE-STEP CHAMBER CLEANING PROCESS FOR  
DEPOSITION TOOLS

Group No.: N/A

Examiner: N/A

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. § 1.56, Applicant submits this statement.

This submittal is made in accordance with 37 C.F.R. §§ 1.97 and 1.98 and § 609 of the Manual of Patent Examining Procedure. The patents, publications and other information herein are listed below and on the attached Form PTO-1449. Copies of the listed references are submitted herewith.

<u>U.S. Patent No.</u>	<u>Inventor</u>	<u>Date</u>
6,534,423	Turner	March 18, 2003
6,397,861	Wing et al.	June 4, 2002

References:

DuPont Zyron - Electronic Gases, Technical Bulletin; [www.dupont.com/zyron](http://www.dupont.com/zyron)

M.T. Mocella; "RECENT STUDIES OF c-C<sub>4</sub>F<sub>8</sub>, AN OPTIMUM FLUOROCARBON GAS FOR CVD CHAMBER CLEANING"; [www.dupont.com/zyron/pdf/isesh\\_2001.pdf](http://www.dupont.com/zyron/pdf/isesh_2001.pdf).

T.Nishikawa, M. Kataoka, S. Kesari, OL. Zazzera, L. Tousignant; "PROCESS COMPARISONS DURING C<sub>3</sub>F<sub>8</sub> AND C<sub>2</sub>F<sub>6</sub> CVD CHAMBER CLEANING AT ASM JAPAN"; [www.asm.com/pdf/chambclean01.pdf](http://www.asm.com/pdf/chambclean01.pdf).

Allen Evans, Lance Nevala, Charles C. Allgood; "ADVANCES IN REDUCING PFC EMISSIONS AND GAS COSTS: QUALIFICATION AND IMPLEMENTATION OF C-C<sub>4</sub>F<sub>8</sub> CHAMBER CLEAN GAS IN A NOVELLUS CONCEPT-2 CHEMICAL VAPOR DEPOSITION TOOL"; [www.dupont.com/zyron/pdf/southwest\\_2002.pdf](http://www.dupont.com/zyron/pdf/southwest_2002.pdf).

"REDUCING PFC EMISSIONS; A TECHNOLOGY UPDATE"; 1/7/2000 Future Fab Volume 9; Montgomery Research, Inc.; [www.future-fab.com/documents.asp?grID=273&d\\_ID=1184](http://www.future-fab.com/documents.asp?grID=273&d_ID=1184).

Applicant hereby expressly reserves the right to swear behind the effective dates of any of the above Patents and to question the relevance and materiality of the Patents and Publications listed herein, in whole, in part, or in combination, subsequent to filing this Information Disclosure

Statement. The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 20-0668.

Respectfully submitted,

HITT GAINES, P.C.

A handwritten signature in black ink, appearing to read 'Greg H. Parker', written over a horizontal line.

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	N/A
				Filing Date	Herewith
				First Named Inventor	Salvatore Pavone
				Art Unit	N/A
				Examiner Name	N/A
Sheet	1	of	2	Attorney Docket Number	TI 35748

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,534,423	03 18 2003	Turner	
		US- 6,397,861	06 04 2002	Wing et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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